8th Grade Science

Physics in Action 1

A Running Start and Frames of Reference

Goals…

* **Understand and apply Galileo’s Principle of INERTIA**
* **Understand and apply NEWTON’S FIRST LAW OF MOTION.**
* **Recognize inertial MASS as a physical property of MATTER.**
* INTERIA – The natural tendency of an object to remain at Click here to enter text. or to remain Click here to enter text. with a Click here to enter text. speed in a Click here to enter text. line.
* ISSAC NEWTON
* ACCELERATION – the Click here to enter text. in Click here to enter text.per unit of time
* NEWTON’S 1ST LAW OF MOTION – In the Click here to enter text. of an unbalanced force, an object at rest Click here to enter text. at rest, and an object already in motion Click here to enter text.in motion with Click here to enter text. speed in a straight-line path
* FRAMES OF REFERENCE – a Click here to enter text. point with respect to which position and motion may be Click here to enter text.